

LISTING OF CLAIMS

Claim 1: (currently amended).

Claim 2: Original.

Claim 3: Original.

Claim 4: Original.

Claim 5: Original.

Claim 6: Original.

Claim 7: Original.

Claim 8: Original.

Claim 9: Original.

Claim 10: Original.

Claim 11: Original.

Claim 12: Original.

Claim 13: Original.

Claim 14: Original.

Claim 15: Original.

Claim 16: Original.

Claim 17: Original.

Claim 18: Currently Amended.

Claim 19: Original.

Claim 20: Original.

Claim 21: Original.

Claim 22: Currently Amended.

Claim 23: Cancelled.

Claim 24: Original.

Claim 25: Original.

Claim 26: Original.

Claim 27: Original.

Claim 28: Original.

Claim 29: Currently Amended.

Claim 30: Original.

Claim 31: Original.

Claim 32: Original.

Claim 33: Original.

Claim 34: Original.

Claim 35: Original.

Claim 36: Original.

Claim 37: Original.

Claim 38: Original.

Claim 39: Original.

Claim 40: Original.

Claim 41: Currently Amended.

Claim 42: Currently Amended.

Claim 43: Currently Amended.

Claim 44: Currently Amended.

CLAIM AMENDMENT

Claim 1. (amended). A superheated vapor generator system for generating superheated vapor comprising: a vapor generation space for entry thereinto of liquid to be vaporized into superheated vapor, said vapor generation space including at least one thermal element and being at least partially defined by at least one surface, said at least one thermal element being in thermal contact with said at least one surface.

Claim 18. (amended). A superheated vapor generator system for generating superheated vapor comprising: a vapor generation space for entry thereinto of liquid to be vaporized into superheated vapor said vapor generation space including at least one thermal element said vapor generation space being at least partially defined by at least one surface said at least one surface defining at least one groove, wherein said at least one groove has a depth substantially in the range of 0.0030-0.0050 inch.

Claim 22. (amended). A superheated vapor generator system for generating superheated vapor comprising a vapor generation space for entry thereinto of liquid to be vaporized into superheated vapor wherein said vapor generation space is at least partially defined by at least one surface and wherein said at least one surface defines a plurality of ridges and grooves, wherein the depth of said plurality of grooves varies substantially randomly in the range 0.0030 inch -0.0050 inch.

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Claim 23.

~~The invention as set forth in Claim 19 wherein the depth of said plurality of grooves varies substantially randomly in the range 0.0030 inch 0.0050 inch.~~

Claim 29. (amended). A superheated vapor generator system for generating superheated vapor comprising: a vapor generation space for entry thereinto of liquid to be vaporized into superheated vapor, wherein said vapor generation space is in a vapor generator and further including at least one vapor generator other than said first vapor generator, said first vapor generator having means for output of superheated vapor and being connectable to controller means for controllably supplying said first vapor generator liquid for vaporization, said at least one vapor generator other than said first vapor generator having means for output of superheated vapor and being connectable to said controller means for controllably supplying to said at least one vapor generator other than said first vapor generator liquid for vaporization; and further including controller means connectable to said first vapor generator and to said at least one vapor generator other than said first-mentioned vapor generator and being adjustable to control supply of liquid to said vapor generators such that at least one of said superheated vapor generators produces output of vapor during selected time intervals, said first vapor generator and said at least one vapor generator other than said first vapor generator producing output of superheated vapor in response to input of liquid.

Claim 41. (amended). A method for fabricating a superheated vapor generation system which includes the steps of:

- (1) providing at least two sections fastenable together to define and enclose interior space;
- (2) providing at least one thermal element for inclusion in said interior space;
- (3) fastening said at least two sections together; and
- (4) disposing said at least one thermal element in the interior space defined thereby in thermal contact with at least one of said sections.

Claim 42. (amended). A method for fabricating a superheated vapor generator which includes the steps of.

- (1) providing at least two sections fastenable together to define interior space;
 - (2) providing at least one thermal element for inclusion in said interior space;
- and
- (3) fastening said at least one thermal element in said interior space in thermal contact with at least one of said sections.

Claim 43. (amended). A method for fabricating a superheated vapor generator which includes the steps of:

- (1) providing at least two sections fastenable together to define interior space;
- (2) providing at least one thermal element for inclusion in said interior space;
- (3) fastening said at least two sections together such that there is access to the interior space; and
- (4) inserting said at least one thermal element into said access to said interior space in thermal contact with at least one of said sections.